

Fig. 2a

TPEN EFFECT ON F10 INVASION

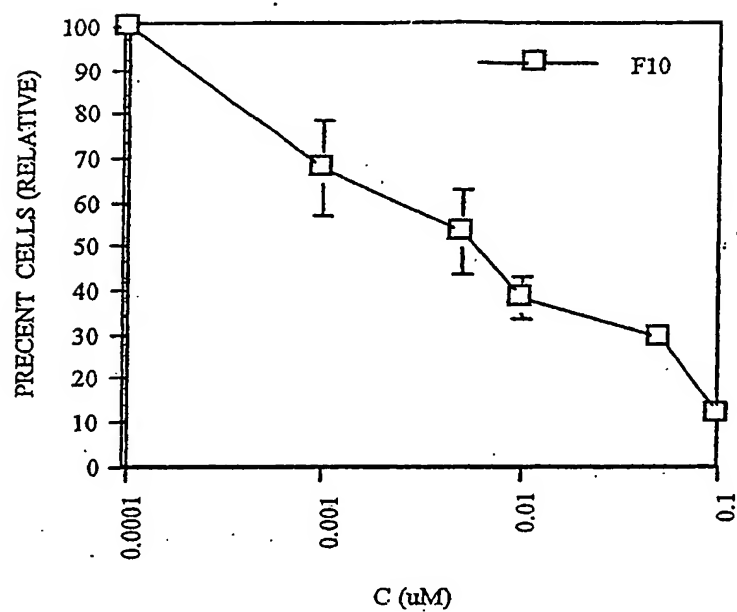


Fig. 2b

TPEN EFFECT ON F10 INVASION

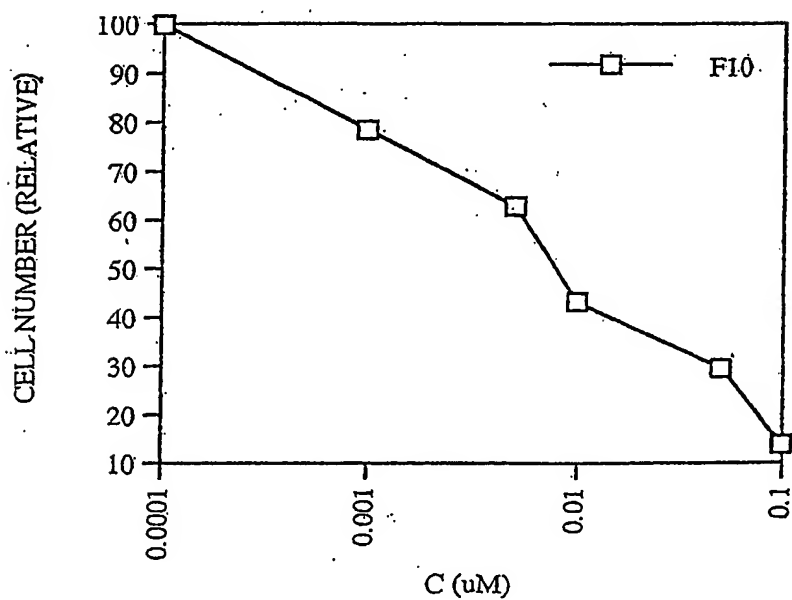


Fig. 3

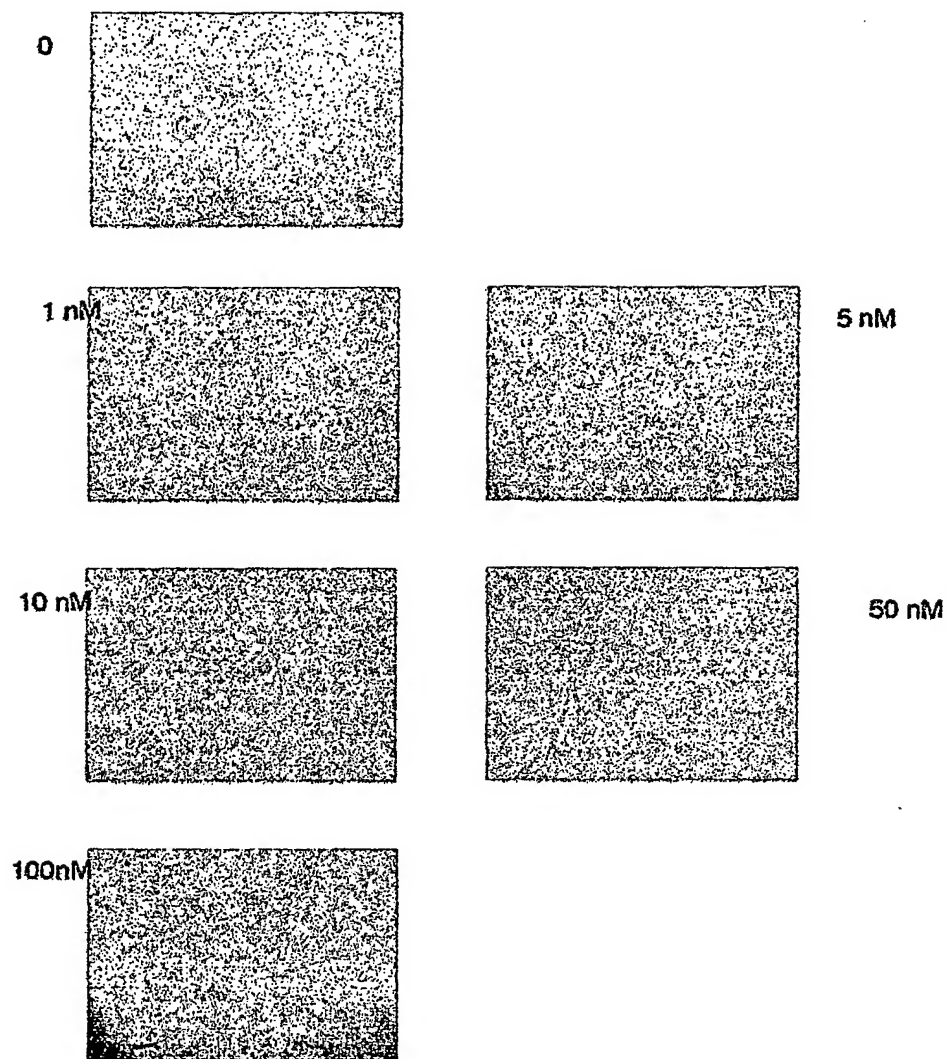


Fig. 4 A

TPEN EFFECT ON MMP-2 and MMP-9 (6h)

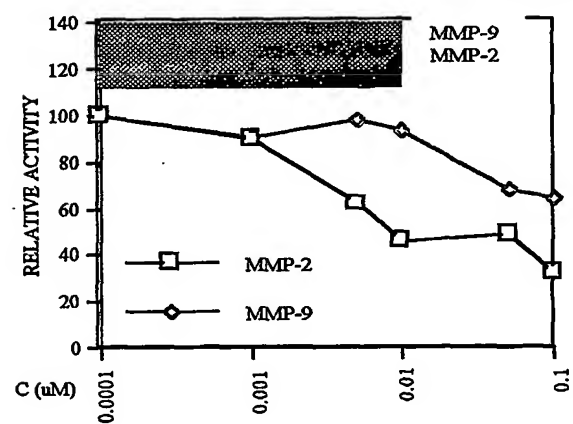


Fig. 4 B

TPEN EFFECT ON MMP-2 and MMP-9 (24h)

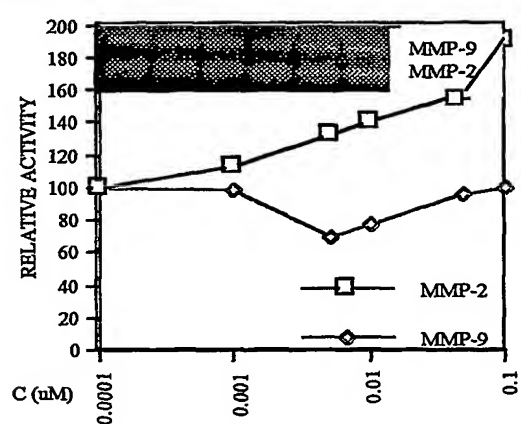


FIG. 4c

	C uM	area	mean	minus	activity	RELATIVE ACTIVITY
MMP-2	0	21.2662	120.3851	80.5902	1713.84731	100
	back	5.5524	200.9753			
	0.001	17.4234	133.2495	88.4793	1541.61024	89.95
	back	7.242	221.7288			
	0.005	13.617	149.3882	78.276	1065.88429	62.19
	back	13.617	227.6642			
	0.01	10.9799	157.3291	71.7341	787.633245	45.96
	back	10.9799	229.0632			
	0.05	10.6734	158.1439	77.9823	832.336281	48.57
	back	10.6734	236.1262			
	0.1	8.0484	172.3652	67.3217	541.83197	31.61
	back	8.0484	239.6869			
MMP-9	0	8.6734	132.0916	44.3212	384.415496	100
	back	8.6734	176.4128			
	0.001	7.75	148.2549	44.8023	347.217825	90.32
	back	7.75	193.0572			
	0.005	6.8266	151.9575	55.0584	375.861673	97.77
	back	6.8266	207.0159			
	0.01	6.3065	160.0211	57.1873	360.651707	93.82
	back	6.3065	217.2084			
	0.05	5.8065	177.5972	45.125	262.018313	68.16
	back	5.8065	222.7222			
	0.1	5.1371	177.7378	47.7057	245.068951	63.75
	back	5.1371	225.4435			

FIG. 4d

	C uM	area	mean	minus	activity	RELATIVE ACTIVITY
MMP-2	0	19.4355	188.6081	65.9517	1281.80427	100
	back	11.121	254.5598			
	0.001	18.7702	178.0168	76.6912	1439.50916	112.30
	back	8.3831	254.708			
	0.005	19.8549	168.5465	85.8776	1705.09116	133.02
	back	4.6492	254.4241			
	0.01	20.9194	167.7592	86.3533	1806.45922	140.93
	back	4.3024	254.1125			
	0.05	20.8871	157.8013	96.3463	2012.3948	157.00
	back	4.6976	254.1476			
	0.1	23.7339	150.9507	102.8842	2441.84331	190.50
	back	3.4436	253.8349			
MMP-9	0	13.1412	158.6042	81.2148	1067.25993	100
	back	4.2984	239.819			
	0.001	13.8105	157.0707	75.9106	1048.36334	98.23
	back	4.5363	232.9813			
	0.005	10.0605	159.1876	74.237	746.861339	69.98
	back	2.754	233.4246			
	0.01	12.0686	167.5012	68.2028	823.112312	77.12
	back	4.0726	235.704			
	0.05	11.1129	138.5171	91.4521	1016.29804	95.22
	back	3.9274	229.9692			
	0.1	11.7903	130.1987	89.9874	1060.97844	99.41
	back	3.3589	220.1861			

FIG. 5a

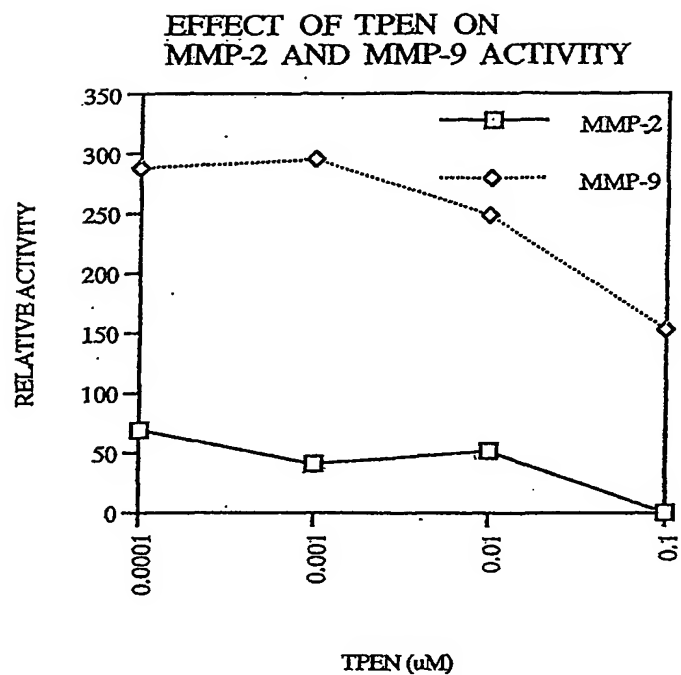


FIG. 5b

	area	mean	minus	activity	average
MMP-9	6.0282	79.2983	37.782	227.76	287.46
back	6.0282	117.0803			
MMP-9	6.1613	78.356	42.5506	262.17	
back	3.496	120.9066			
MMP-9	8.117	49.1888	45.8867	372.46	
back	8.117	95.0755			
MMP-2	3.6008	113.4132	9.7167	34.99	69.06
back	3.6008	123.1299			
MMP-2	4.4032	108.2079	19.3269	85.10	
back	4.4032	127.5348			
MMP-2	3.496	85.9308	24.9089	87.08	
back	3.496	110.8397			

FIG. 5c

	area	mean	minus	activity	average
MMP-9	5.5161	34.4708	62.6535	345.60	295.29
back	5.5161	97.1243			
MMP-9	6.1371	66.9704	45.8824	281.58	
back	6.1371	112.8528			
MMP-9	5.5968	72.237	46.2176	258.67	
back	5.5968	118.4546			
MMP-2	3.6452	99.3285	13.9945	51.01	40.67
back	3.6452	113.323			
MMP-2	2.7057	111.8912	11.6438	31.50	
back	2.7057	123.535			
MMP-2	2.6573	108.9454	14.8604	39.49	
back	2.6573	123.8058			

FIG. 5d

	area	mean	minus	activity	average
MMP-9	5.2057	43.7289	37.6747	196.12	248.90
back	5.2057	81.4036			
MMP-9	6.2016	36.5878	47.5104	294.64	
back	6.2016	84.0982			
MMP-9	6.2137	39.0331	41.1895	255.94	
back	6.2137	80.2226			
MMP-2	3.1129	76.2733	9.5259	29.65	51.64
back	3.1129	85.7992			
MMP-2	3.4234	77.8422	15.616	53.46	
back	3.4234	93.4582			
MMP-2	3.25	60.1749	22.0906	71.79	
back	3.25	82.2655			

FIG. 5e

	area	mean	minus	activity	average
MMP-9	5.3347	43.6508	28.8231	153.76	152.42
back	5.3347	72.4739			
MMP-9	6	44.5034	27.549	165.29	
back	6	72.0524			
MMP-9	5.754	34.487	24.0169	138.19	
back	5.754	58.5039			
MMP-2	0	0	0	0.00	0.00
back	0	0			
MMP-2	0	0	0	0.00	
back	0	0			
MMP-2	0	0	0	0.00	
back	0	0			